

ASHLAND
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	6.85	6	88	Male	4.52	8	177
Female	2.45	3	NC*	Female	3.67	6	164
Total	9.30	9	97	Total	8.19	14	171
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	2.56	4	NC*	Male	1.30	2	NC*
Female	2.18	2	NC*	Female	1.17	1	NC*
Total	4.74	6	127	Total	2.47	3	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.45	0	NC*	Male	6.02	10	166
Female	45.01	47	104	Female	4.93	2	NC*
Total	45.46	47	103	Total	10.95	12	110
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	3.21	9	280 #+	Male	4.90	4	NC*
				Female	2.25	0	NC*
				Total	7.15	4	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	17.42	16	92	Female	5.55	6	108
Female	15.62	15	96				
Total	33.03	31	94				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	2.58	4	NC*	Male	2.69	5	186
Female	0.80	0	NC*	Female	2.64	6	228
Total	3.39	4	NC*	Total	5.32	11	207 #+
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	1.37	2	NC*	Male	42.42	39	92
Female	1.07	0	NC*				
Total	2.44	2	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	4.26	4	NC*	Male	3.00	6	200
Female	2.49	4	NC*	Female	1.67	2	NC*
Total	6.75	8	118	Total	4.67	8	171
<u>Larynx</u>				<u>Testis</u>			
Male	2.57	0	NC*	Male	2.08	4	NC*

Female	0.73	0	NC*				
Total	3.31	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	3.20	3	NC*	Male	1.00	0	NC*
Female	2.37	1	NC*	Female	2.66	0	NC*
Total	5.57	4	NC*	Total	3.66	0	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	1.45	1	NC*				
Female	0.56	1	NC*	Female	8.57	10	117
Total	2.01	2	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	22.69	21	93	Male	143.47	146	102
Female	17.23	18	104	Female	136.27	142	104
Total	39.91	39	98	Total	279.74	288	103

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels